3:Watson E-4,5 (1943) 1952 SM4 Guarani SM4

number of workers could produce a modern type house in the amount of time it would take them to build a much larger *tapéi*. Given metal tools, however, the ordinary elementary family can make reasonable headway with the construction of a modern house, especially with the occasional assistance of relatives. (Assistance is sometimes almost indispensable, particularly in the long and repeated trips to the forest to bring building materials, such as thatch and bamboo trunks.) But a man and his wife, even assisted intermittently by close relatives, would move exceedingly slowly in erecting a *tapéi*. In other words, building a *tapéi* is a large-scale operation requiring a number of people, with or without metal tools, whereas the modern house requires only a small work group, granted the machete.[142] Thus the modern small house seems intimately related to the elementary family in the matter of production.

Cayuá dwelling patterns also reflect the present production-consumption unit. At Taquapiri a considerable number of the houses are closely grouped at the same place. With transitory Cayuá occupation of agricultural land, many houses are necessarily situated at considerable remove from their *kokwé*, some up to as much as a mile or even more.[143] Moreover, it often happens that a man may have two fields under cultivation, and he may thus have an even greater distance to cover in walking from his house to his agricultural work.[144]

Elementary families (judging from Taquapiri, at least) tend almost uniformly to locate their houses close to those of their nearest relatives. Thus, the elementary family houses are now largely grouped as to what would formerly have been extended family affiliations. At Taquapiri this clustering of houses has resulted in greater distance to go to get to the fields. Even in the case of a

[142] The existing *tapéi* at Taquapiri was built jointly by men from several related families, but families not all related to each other as components of an extended family. The lone *tapéi* now has certain communal aspects, too, not characteristic of other houses.

[143] Judging from the Cayuá settlements that we observed—which were not by any means half of the total in Brazil—the location of houses in relation to fields at Taquapiri may not be typical. For there the largest number of houses is clustered fairly closely giving the settlement much the impression one thinks of in a village. Elsewhere—in the other three settlements of Cayuá visited—the present arrangement of houses, widely scattered in the forest and each usually located in the middle, or on the edge, of its respective *kokwé* was much more suggestive than Taquapiri of the probable aboriginal situation. Even at Taquapiri there are some individuals who have located their houses away from the village cluster and have put them next to or in their *kokwé*. This contributes to the impression that location apart, and not the "village" type, is the older arrangement. It is also possible that the break-up into elementary family units is not in other places so marked as at Taquapiri.

[144] Different kinds of soil are recognized as being favorable to different crops; also, it is believed—probably with justification—that it takes a while for the ants and other plagues to "discover" a *kokwé* newly cut from the forest. Once they "discover" a field, they multiply enough to hamper the growing of crops most susceptible to them. Thus, corn, for example, is almost always a preferred first or second crop in a new *kokwé*. Manioc tends to attract ants very rapidly and therefore has to be shifted frequently. The occupation of agricultural land varies with a number of factors but probably averages around four or five years.